

## Connecting element for frictional connection of parts

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 US4525098  
 US4154276  
 US3828515  
 US3692341  
 US5259280  
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The connector (1), to give a reversible keyed transmission bond between workpieces to increase the friction between them without play, has a thin and spring elastic foil (2), in a thickness of less than or equals 0.2mm, with a residual strength at least equal to the workpieces being locked together. The foil carries particles (3) of a defined size at its surfaces, which have a pressure and shear strength greater than the materials of the joined workpieces. The foil carrier is a cold rolled spring steel strip. The particles are of hard materials such as carbides like SiC, WC and B4C; or nitrides such as Si<sub>3</sub>N<sub>4</sub> and cubic BN; or borides; or SiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub>; or diamonds.

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